

A roadway paving system for chipsealing a roadway surface comprising a novel roadway paving vehicle and a novel supply truck is provided. The roadway paving vehicle comprises an asphalt binder material dispensing system and an aggregate material dispensing system. The asphalt binder material dispensing system includes an asphalt tank and a sprayer that sprays a first layer of the asphalt binder material over the roadway surface. The aggregate material dispensing system comprises an aggregate hopper and conveyor mechanism that discharges a second layer of aggregate material over the roadway surface. No wheels run over a freshly laid surface. Supply trucks are linked to the roadway paving vehicle to refill the roadway paving vehicle on a continuous basis without the need of stopping the vehicle.